WHAT IS CLAIMED IS:

1. A data processor for processing a data stream in which a plurality of blocks into which a screen is divided are arranged in a predetermined order, said data processor comprising:

detecting means for detecting block discontinuities based on position information of the blocks on the screen, the position information being stored in each of the blocks arranged in the data stream; and

correcting means for correcting block discontinuities based on a result of the detection by said detecting means.

2. A data processor according to Claim 1, wherein the data stream is a variable-length coded data stream, and block discontinuities are detected by said detecting means when the variable-length coded data stream is decoded.

3. A data processor according to Claim 1, wherein said correcting means corrects block discontinuities using a block having the position information that satisfies the continuous order.

4. A data processor according to Claim 1, wherein, if it is determined from a result of the detection by said

detecting means that a portion of the blocks is missing, said correcting means corrects block discontinuities by temporarily interrupting the data stream for the period of the missing block portion.

5.   A data processor according to Claim 1, wherein, if it is determined from a result of the detection by said detecting means that one block and another of the blocks are exchanged, said correcting means finds position information of the block subsequent to an exchanged block, and, based on said position information, repeatedly corrects block discontinuities until a block having correct position information is found.

6.   A data processor according to Claim 1, further comprising a frame memory capable of storing at least one frame of data,

wherein at least one frame of data in the data stream is stored in the frame memory, and, if it is determined from a result of the detection by said detecting means that the position information of the blocks is discontinuous, said correcting means corrects the position information discontinuities of the blocks using the data stored in the frame memory.

7.   A data processor according to Claim 6, wherein, if it is determined from a result of the detection by said detecting means that a portion of the blocks is missing, said correcting means corrects block discontinuities using the data of the block one frame before which corresponds to the missing block portion, the data being stored in the frame memory.

8.   A data processor according to Claim 6, wherein, if it is determined from a result of the detection by said detecting means that one block and another of the blocks are exchanged, said correcting means correctly reorders the blocks by controlling addresses in the frame memory.

9.   A data processing method of processing a data stream in which a plurality of blocks into which a screen is divided are arranged in a predetermined order, said data processing method comprising the steps of:

detecting block discontinuities based on position information of the blocks on the screen, the position information being stored in each of the blocks arranged in the data stream; and

correcting the block discontinuities based on a result of said detecting step.

10. A data processing method according to Claim 9, wherein the data stream is a variable-length coded data stream, and said detecting step comprising detecting block discontinuities when the variable-length coded data stream is decoded.

11. A data processing method according to Claim 9, further comprising correcting block discontinuities using a block having the position information that satisfies the continuous order.

12. A data processing method according to Claim 9, further comprising, if it is determined from a result of said detecting step that a portion of the blocks is missing, correcting block discontinuities by temporarily interrupting the data stream for the period of the missing block portion.

13. A data processing method according to Claim 9, further comprising, if it is determined from a result of said detecting step that one block and another of the blocks are exchanged, finding position information of the block subsequent to an exchanged block, and, based on said position information, repeatedly correcting block discontinuities until a block having correct position information is found.

14.　A data processing method according to Claim 9, further comprising the step of storing at least one frame of data in the data stream, wherein, if it is determined from a result of said detecting step that the position information of the blocks is discontinuous, discontinuities of the position information of the blocks are corrected using the stored data.

15.　A data processing method according to Claim 14, further comprising, if it is determined from a result of said detecting step that a portion of the blocks is missing, correcting block discontinuities using the stored data of the block one frame before which corresponds to the missing block portion.

16.　A data processing method according to Claim 14, further comprising, if it is determined from a result of said detecting step that one block and another of the blocks are exchanged, correctly reordering the blocks by controlling addresses of the stored data.